



# BYCICLE COMPUTER INSTRUCTIONS

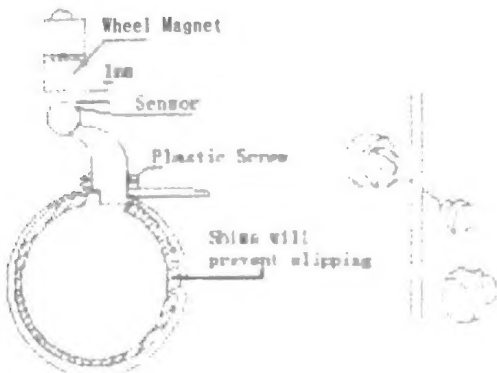
## 14 FUNCTIONS

- SPD CURRENT SPEED
- ODO ODOMETER (TOTAL DISTANCE)
- DST TRIP DISTANCE
- MXS MAXIMUM SPEED
- AVS AVERAGE SPEED
- TM ELAPSED TIME
- R ROTATION PER MINUTE
-  CLOCK(24H)
-  SCAN
- "▲" "▼" COMPARATOR
- SETTING SPEED SCALE(km/h, m/h)
- SETTING TYRE CIRCUMFERENCE (10cm~239cm)
- SETTING THE LAST VALUE OF ODOMETER(km or m)
- AUTO ON/OFF

## Battery Installation

Remove the battery cover from the bottom of the computer using a flat blade screwdriver. Install an AG13 or equivalent battery with the positive(+) pole facing the battery cover and replace the cover. Should the LCD show irregular figures or display nothing, take out the battery and install again.

The speedometer sensor bracket attaches to the left fork blade, using rubber shims to adjust to the diameter of the fork, position the sensor and magnet as shown, making sure that when aligned, the gap between the sensor and the magnet is less than 5 mm. The magnet attaches to the front wheel spoke with the screws provided.



## Mounting Shoe

Attach the mounting shoe to the handlebar using the bracket screw provided. Rubber shims are also included to provide a secure fit if the clamp can not close completely. If the bracket slips on the handlebar, shims will be necessary.

The bracket can be attached to either left or right hand side of the handlebar.



## Sensor Wiring

Route the sensor wire up the fork blade, using tie wraps to secure it at the bottom and crown. Wire must not hang loosely, but enough slack wire must be left to allow free movement of the front wheel. Route the remaining wire around the front brake cable and to the

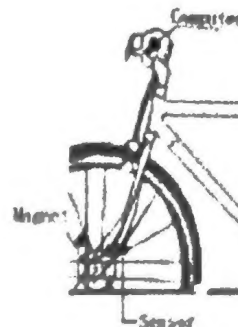
handlebar. Excess wire should be carefully looped and secured to the stem with a tie wrap.

## Computer

The computer attaches to the mounting shoe by sliding the unit until it snaps firmly into position. Push forward in the opposite direction to remove.

To check for proper speed function and sensor alignment.

Spin the front wheel with the computer in speed mode. Adjust the position of sensor and magnet if there is weak or no reactivity.



## Setting Up The Computer Display

The wheel size, last value of the odometer and the distance measurement units must be set up when the battery is replaced or installed for the first time. These values can be changed at any time by pressing the left button for 6 seconds when the display is odometer (ODO) mode.

## KM/MILE Selection

Within 15 seconds, press the left button to change between km/h or m/h.

The default setting is km/h.

Press right button to accept and enter wheel size input mode.

## Wheel Size Input

The default computer display is 208cm. To adjust the display press the left button until the desired value is reached in accordance with the following table. Press right button to accept and enter ODO mode.

Tyre type (diameter)	Tyre Circumference
20"	160
22"	176
24"	192
26"(650A)	207
26.5"(Tubular)	211
26.6"(700x25C)	212
26.8"(700x28C)	214
27"(700x32C)	216
28"(700B)	224
(W/tyre)	
ATB 24"x1.75	189
ATB 26"x1.4	200
ATB 26"x1.5	203
ATB 26"x1.75	205
ATB 26"x2(650B)	210
27"x1	214
27"x1 1/4	216

→ Press RIGHT button to enter DST mode

## Setting the last value of the Odometer

After installing a new battery, the total distance can be re-entered. The value of the flickering digit can be changed by pressing the left button. Press the right button to move to the next digit and continue until all the values have been set. To skip this setting, keep pressing the right button to scroll through the digits.

## Auto ON/OFF

To preserve batteries, the cycle computer will automatically switch off if the unit is left unused for over 2 minutes. Display will reappear with a Press on either button or input from the sensor.

## Speedometer

Instantaneous Speed is indicated on the top line. The range of measurement is 0~99.9km/h (m/h) and accuracy is  $\pm 0.1$  km/h (m/h).

## Speed Comparator (Cadence)

During riding, "▲" indicates that the instant speed is higher than average speed (AVS). "▼" indicates the instant speed is lower than the average speed.

16.8<sup>▲</sup> km/h  
33.6 0

## Odometer (ODO)

In this mode the total distance is displayed at the bottom of the screen. By pressing the left bottom the wheel size entered into the computer can be seen.

Maximum distance is 9999.9 km(or miles)

16.8<sup>▲</sup> km/h  
33.6 0

## Trip Distance (DST)

The distance for one trip indicated by DST is displayed on the bottom line.

Reset DST by pressing the LEFT and RIGHT button at the same time. The computer will clear the records of DST, MXS, AVS and TM.

DST ranges from 0~9999.9km(m), when the value exceeds the range, it restarts from 0 automatically.

→Press the RIGHT button to MXS mode

DST 16.8<sup>▲</sup> km/h  
33.6 0

## Maximum Speed (MXS)

Maximum speed measurement for one trip is indicated by MXS and is displayed on the bottom line.

→Press the RIGHT button to enter AVS mode

MXS 16.8<sup>▲</sup> km/h  
33.6 0

## Average Speed (AVS)

Average Speed measurement is indicated by AVS and is displayed on the bottom line.

AVS is calculated with the Trip Time (TM), AVS is the average speed only while riding.

→Press the RIGHT button to enter TM mode

AVS 16.8<sup>▲</sup> km/h  
33.6 0

## Trip Time(TM)

Trip time measurement is indicated by TM and is displayed on the bottom line. Trip Time is activated automatically with speedometer input. (ON when you ride and OFF when you stop.) It records only the time spent actually riding.

Max 9:59:59, the computer reset to 0 when exceeds.

→Press RIGHT button to enter R mode.

16.8<sup>▲</sup> km/h  
0:12:18

## Odometer

In this mode, the number of wheel revolutions per minute is displayed at the bottom of the screen.

16.8<sup>▲</sup> km/h  
128

## Clock Mode

The clock records the time in 24hr format. To alter the time, press the right and left buttons at the same time, the hour display digits will flicker. Press the left button to change the digits and then the right button once the value is correct. Now, the minutes digits will flicker. Change these digits by pressing the left button. Press the right button to leave time setting mode.

16.8<sup>▲</sup> km/h  
12:18

## Scan (AVS)

Scan mode: Screen display varies among ODO, DST, MXS, AVS, TM, R, CLK every 4 seconds.

ODO → DST → MXS → AVS → TM → R → CLK

16.8<sup>▲</sup> km/h  
33.6 0

## Recording Cycle Movements

The cycle movement can only be recorded in distance (DST). Trip time (TM). Rotation per minute (R) and maximum or average speed (MXS, AVS) display modes.

To record cycle movements, press the right button until one of the above modes is displayed and then press the left button until the km/h (or m/h) begins to flicker.

Recording will begin when there is no input from the wheel sensor.

## Freeze Frame Memory

In DST, TM, R, MXS or AVS modes, the computer display can be locked by pressing the left button at the end of a ride.

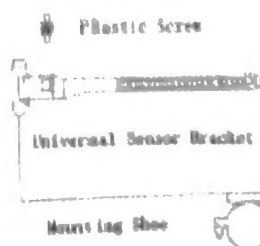
The cycle movement information can be read at a later time by pressing the right button.

To clear the memory, press the left and right buttons at the same time.

## Malfunction and Measure

Malfunction	Problem and Measure
No speedometer reading	Improper magnet/sensor alignment
	The position of the two spring contact tongues within Mounting Shoe is too low.
Slow display response	Temperature exceeds operating limits(0~55℃)
Black display	Temperature too hot, or display exposed to direct sunlight for too long
Display readout fades	Poor battery contacts or dead battery
No display	Take out battery and raise the negative contact small plate, then reinstall it after 10 seconds
	Dead battery and change a new battery

## Accessories



- Wheel Magnet
- Computer Battery (1.5T/AG13)
- Cable Ties